

Amendments to the Specification:

Please replace paragraph [0017] with the following amended paragraph:

[0017] Capsule 10 further includes a cargo bay 17 within which is positioned in a medical payload 42 40. The medical payload can be a microlaboratory device which can perform diagnostic functions such as testing the surrounding matter or fluid for pH (alkalinity or acidity), the presence of blood, toxins, microorganisms, or the presence or concentration of various salts, minerals or other selected materials. For example, cargo bay 17 can include a microfluidic device for microanalysis. Such microfluidic devices are known and commercially available. The housing 11 would include an aperture/inlet 42 or other access means in fluid communication with the interior of cargo bay 17 in the event that surrounding fluid would be introduced into the capsule 10 for analysis. Other types of diagnostic devices suitable for use in capsule 10 include means for measuring a condition of the body, e.g., a thermometer for measuring body temperature, or means for monitoring sound, such as a microphone or other detection equipment, for monitoring heart beat rate, breathing, and the like. For example, the capsule can emit signals the timing of which is dependent upon the ambient temperature. Sounds can be digitized and transmitted via ultrasonic signals to the external transceiver(s) 20.